

Service Manual: ACCELERATION CONTROL

DESCRIPTION AND OPERATION > ACCELERATION CONTROL - OVERVIEW > OVERVIEW

The acceleration controls consist of the accelerator pedal and sensor assembly.

The throttle is controlled by an APP sensor on the accelerator pedal assembly. The APP sensor sends a signal to the PCM in response to throttle pedal movements initiated by the driver. The PCM sends a signal to the electronic throttle control which increases and decreases throttle position.

The engine management system electronically operates the throttle of the engine in response to throttle pedal movements initiated by the driver. In the event of a system failure, the engine management system provides a "limp home" mode which allows the car to be driven with limited performance.

DIAGNOSIS AND TESTING > ACCELERATION CONTROL > SYMPTOM CHART(S)

REFER to ENGINE CONTROLS - INTRODUCTION (EXCEPT DIESEL & HYBRID) . See ENGINE CONTROLS - SYMPTOM CHARTS (EXCEPT DIESEL & HYBRID) .

REMOVAL AND INSTALLATION > ACCELERATOR PEDAL > REMOVAL

NOTE: Removal steps in this procedure may contain installation details.



NOTE: To prevent setting Diagnostic Trouble Codes (DTCs), make sure the ignition switch is in the OFF position prior to disconnecting the accelerator pedal electrical connector.



***WARNING:** Before beginning any service procedure in this service information, refer to Safety Warnings in GENERAL INFORMATION . Failure to follow this instruction may result in serious personal injury.*

1. Refer to: HEALTH AND SAFETY PRECAUTIONS .
2. Disconnect the accelerator pedal sensor electrical connector. Remove the 3 nuts and the accelerator pedal and sensor assembly.

Torque: 80 lb.in (9 Nm)